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PATENT APPLICATION

APPLICATION FOR U.S. PATENT UNDER 37 C.F.R. 1.53(b)  
TRANSMITTAL FORM

**Mail Stop Patent Application**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the patent application of:

**Inventor:** Mark B. Lyles

**Title:** *Nucleic Acid Based Filters*

Enclosed are: X Specification (25 Pages)  
X Drawings (3 Sheets Formal)

X Unsigned Combined Declaration and Power of Attorney

X Certificate of Mailing

X Return Receipt Postcard

Applicant is a small entity.

FEE CALCULATION					FEE
	Number		Number Extra	Rate	Basic Fee
					\$375.00
Total Claims	57	-20 =	37	X \$9 =	\$333.00
Independent Claims	6	-3 =	3	X \$42=	\$126.00
TOTAL FILING FEE =					\$834.00

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PATENT APPLICATION

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Enclosed is a check in the amount of \$834.00 to satisfy filing fee requirements under 37 C.F.R. § 1.16. Please charge any additional fees or credit any overpayment to Deposit Account No. 50-2148 of BAKER BOTTS L.L.P.

Respectfully submitted,

BAKER BOTTS L.L.P.  
Attorneys for Applicants

A handwritten signature in black ink, appearing to read "Michelle M. LeCointe".

Michelle M. LeCointe  
Reg. No. 46,861

Date: 7/24/03

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Mark B. Lyles  
Filing Date: July 24, 2003  
Title: *Nucleic Acid Based Filters*

**Mail Stop Patent Application**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

I hereby certify that the attached Transmittal, Patent Application, Formal Drawing, Unsigned Declaration, Check in the Amount of \$834.00, and Postcard are being deposited with the United States Postal Service under 37 C.F.R. 1.10 on this 24th day of July, 2003, and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Shannon Judice

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